FORM PTO-1390 (REV. 11-2000) EPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

0020-4872P
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

CONCERNING A FILIN										
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED								
PCT/JP99/06682	November 30, 1999	December 1, 1998								
TITLE OF INVENTION  NOVEL TUMOR ANTIGEN PROTEIN ART-1 AND TUMOR ANTIGEN PEPTIDES THEREOF										
APPLICANT(S) FOR DO/EO/US	PROTEIN ART-1 AND TUMOR ANTIGE	N PEPTIDES THEREOF								
	ITOH, Kyogo and GOMI, Shinya									
Applicant herewith submits to the United States	Designated/Elected Office (DO/EO/US) the following	owing items and other information:								
1. This is a FIRST submission of items conce	erning a filing under 35 U.S.C. 371.									
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.										
3. This express request to begin national										
examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).										
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).										
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))										
a is transmitted herewith (required only if not transmitted by the International Bureau).										
b. has been transmitted by the International Bureau. WO 00/32770										
l <del></del>	on was filed in the United States Receiving Of	•								
6. An English language translation of t	he International Application as filed (35 U.S.C	2. 371(c)(2)).								
is transmitted herewith.	· •									
has been previously submitted										
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).										
a. are transmitted herewith (required only if not transmitted by the International Bureau).										
b. have been transmitted by the Ir										
c. have not been made; however, the time limit for making such amendments has NOT expired.										
d. Mave not been made and will no										
	e amendments to the claims under PCT Article	e 19 (35 U.S.C. 371(c)(3)).								
9. An oath or declaration of the inventor		•								
10. An English language translation of th (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary Exa	amination Report under PCT Article 36								
	and the Commence of the Commen	·								
Items 11. to 20. below concern document(s)	or information included:									
11. An Information Disclosure Statement	under 37 CFR 1.97 and 1.98./International Se	earch Report with cited references								
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
13. A FIRST preliminary amendment.										
14. A SECOND or SUBSEQUENT preli	minary amendment.									
15. A substitute specification.										
16. A change of power of attorney and/or	address letter.									
17. A computer-readable form of the sequence	uence listing in accordance with PCT Rule 13t	er.2 and 35 U.S.C. 1.821-1.825.								
A second copy of the published international application under 35 U.S.C. 154(d)(4).										
9. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										
Other items or information:										
PCT/ISA/210		•								
PCT/IPEA/409	:									

O O KING		INTERNA	_	ATTORNEY'S DOCKET NUMBER						
	N8 57308 PCT/JP99/06682					0020-4872P				
21. The following fees are submitted:						CULATIONS	PTO USE	ONLY		
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5):										
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO										
and International Sear										
	· · · · · · · · · · · · · · · · · · ·			\$1,000.00						
International prelimina										
USPTO but Internation	nal Search Report prep	ared by	the EPO or JPO	\$860.00						
T-4		7 OED 1	100							
hut international prelimina	ry examination fee (3)	/ CFR 1	.482) not paid to USPTO d to USPTO	Ø#10.00	İ					
out international scare	1 100 (37 CITX 1.443(a)	)(2)) pai	a to OSF 10	\$710.00						
International prelimina	ry examination fee (3'	7 CFR 1	.482) paid to USPTO							
but all claims did not s	atisfy provisions of PC	CT Artic	le 33(1)-(4)	\$690.00						
International prelimina	ry examination fee (3'	7 CFR 1	.482) paid to USPTO							
			(1)-(4)	\$100.00	\$	860.00				
			FEE AMOUNT =							
Surcharge of \$130.00 fe				<b>30</b>	\$	0	<i>i</i> .			
months from the earlies					<b>"</b>					
CLAIMS	NUMBER FILE	D	NUMBER EXTRA	RATE						
Total-€laims	43 - 20 =		23	X \$18.00	\$	414.00				
Independent Claims	2 - 3 =		0	X \$80.00	\$	0				
MULTIPLE DEPENDI	ENT CLAIM(S) (if app	plicable	) Yes	+ \$270.00	\$	270.00				
.)-d-1			OF ABOVE CALCULA		\$	1,544.00				
Applicant claims sr	nall entity status. See ?	37 CFR	1.27. The fees indicated about	ove are	\$	0	7			
reduced by 1/2.										
SUBTOTAL =					\$	1,544.00				
Processing fee of \$130.00 for furnishing the English translation later than 20 30					\$	0				
months from the earliest claimed priority date (37 CFR 1.492(f)). +  TOTAL NATIONAL FEE =						1,544.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be					\$	1,544.00				
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$	40.00				
TOTAL FEES ENCLOSED =					\$	1,584.00				
						mount to be:	s			
						refunded				
						charged	\$			
a. A check in the amount of \$ 1,584.00 to cover the above fees is enclosed.										
b. Please charge my Deposit Account. No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.										
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448.										
overpayment to I	Jeposit Account No.	02-2448	•							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR										
1.137(a) or (b)) must be filed and granted to restore the application to pending status.										
Send all correspondence to:										
Birch, Stewart, Kolasch & Birch, LLP or Customer No. 2292										
P.O. Box 747										
Falls Church, VA 22040-0747 (703)205-8000										
(,00)203-0000				1//	. /	'				
Date: June 1, 2001					war 1					
						7. Bailey, #32,881				
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